

WE CLAIM:

1) A remote control unit for controlling a locomotive, said remote control unit comprising:

5 a) an input for receiving a signal indicative of a brake setting selected from a set of brake settings, each brake settings in the set of brake settings corresponding to a respective level of brake application;

 b) a brake setting display including at least first and second display elements;

 c) a display controller in communication with said input and with said brake setting display, said display controller being responsive to said signal for:

10 i) causing said first display element to convey first visual information when the signal conveys a selected brake setting that corresponds to a first level of brake application;

 ii) causing said second display element to convey second visual information when the signal conveys a selected brake setting that corresponds to a third level of brake application;

15 iii) causing at least one of said first display element and said second display element to convey third visual information when the signal conveys a selected brake setting that corresponds to a second level of brake application that is intermediate the first and third levels of brake application.

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2) A remote control unit as defined in claim 1, wherein said remote control unit is portable.

25 3) A remote control unit as defined in claim 1, wherein when the signal conveys a selected brake setting that corresponds to a first level of brake application, said first visual information includes the activation of said first display element.

30 4) A remote control unit as defined in claim 3, wherein when the signal conveys a selected brake setting that corresponds to a third level of brake application, said second visual information includes the activation of said second display element.

- 5) A remote control unit as defined in claim 4, wherein when the signal conveys a selected brake setting that corresponds to a second level of brake application, said third visual information includes the activation of said first display element and said second display element.
- 6) A remote control unit as defined in claim 1, wherein said first and second display elements are light emitting diodes.
- 10 7) A remote control unit for controlling a locomotive, said remote control unit comprising:
 - a) an input for receiving a signal indicative of a speed setting selected from a set of speed settings;
 - b) a speed setting display including at least first and second display elements;
 - c) a display controller in communication with said input and with said speed setting display, said display controller being responsive to said signal for:
 - i) causing said first display element to convey first visual information when the signal conveys a first selected speed setting;
 - ii) causing said second display element to convey a second visual information when the signal conveys a third selected speed setting;
 - iii) causing at least one of said first display element and said second display element to convey third visual information when the signal conveys a second selected speed setting that is intermediate the first and third speed settings.
- 25 8) A remote control unit as defined in claim 7, wherein said remote control unit is portable.
- 9) A remote control unit as defined in claim 7, wherein when the signal conveys the first selected speed setting said first visual information includes the activation of said first display element.

10) A remote control unit as defined in claim 9, wherein when the signal conveys the third selected speed setting said second visual information includes the activation of said second display element.

5 11) A remote control unit as defined in claim 10, wherein when the signal conveys the second selected speed setting said third visual information includes the activation of said first display element and the activation of said second display element.

10 12) A remote control unit as defined in claim 7, wherein said first and second display elements are light emitting diodes.

13) A remote control unit for controlling a locomotive, said remote control unit comprising:

- a) an input for receiving a signal indicative of a throttle setting selected from a set of throttle settings;
- b) a throttle setting display including at least first and second display elements;
- c) a display controller in communication with said input and with said throttle setting display, said display controller being responsive to said signal for:
 - i) causing said first display element to convey first visual information when the signal conveys a first selected throttle setting;
 - ii) causing said second display element to convey second visual information when the signal conveys a third selected throttle setting;
 - iii) causing at least one of said first display element and said second display element to convey third visual information when the signal conveys a second selected throttle setting that is intermediate the first and third throttle settings.

14) A remote control unit as defined in claim 13, wherein said remote control unit is portable.

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15) A remote control unit as defined in claim 13, wherein when the signal conveys the

first selected throttle setting said first visual information includes the activation of said first display element.

16) A remote control unit as defined in claim 15, wherein when the signal conveys the
5 third selected throttle setting said second visual information includes the activation of
said second display element.

17) A remote control unit as defined in claim 16, wherein when the signal conveys the
second selected throttle setting said third visual information includes the activation of
10 said first display element and the activation of said second display element.

18) A remote control unit as defined in claim 13, wherein said first and second display
elements are light emitting diodes.

15 19) A remote control unit for controlling a locomotive, said remote control unit
comprising:

- a) an input for receiving a signal indicative of a brake setting selected from a set of
brake settings, each brake settings in the set of brake settings corresponding to a
respective level of brake application;
- b) a brake setting display including at least first and second display elements;
- c) a display controller in communication with said input and with said brake setting
display, said display controller being responsive to said signal for:
 - i) causing said first display element to convey first visual information when the
signal conveys a selected brake setting that corresponds to a first level of
brake application;
 - ii) causing said first display element to convey second visual information when
the signal conveys a selected brake setting that corresponds to a second level
of brake application.

30 20) A remote control unit as defined in claim 19, wherein said remote control unit is
portable.